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## INTEGRATING KEYWORD SPOTTING WITH GRAPH DECODER TO IMPROVE THE ROBUSTNESS OF SPEECH RECOGNITION

## ABSTRACT OF THE DISCLOSURE

An arrangement is provided for integrating graph decoder with keyword spotting to improve the robustness of speech recognition. When a graph decoder based speech recognition mechanism fails to recognize a word sequence from input speech data, a keyword based speech recognition mechanism is activated to recognize the word sequence based on a set of keywords that are detected from the input data.